



SEQUENCE ALIGNMENTS 1-3



SEQUENCE ALIGNMENT 1

		1	50
ADA89581	(1)	MTKHYLNSKYQSEQRSSAMKKITMG TASII LGSLVYIGADSQQVNAATEA	
SEQ1	(1)	-----	
		51	100
ADA89581	(51)	TNATNNQSTQVSOATSQPINFQVQKDGSSSEKSHMDDYMQHPGKVIKQNNK	
SEQ1	(1)	-----MGTOVSOATSQPINFQVQKDGSSSEKSHMDDYMQHPGKVIKQNNK	
		101	150
ADA89581	(101)	YYFQTVLNNASFWKEYKFYNANNQELATTVVNDNKKADTRTINVAVEPGY	
SEQ1	(45)	YYFQTVLNNASFWKEYKFYNANNQELATTVVNDNKKADTRTINVAVEPGY	
		151	200
ADA89581	(151)	KSLTTKVHIVVPQINYNHRYTTHLEFEKA IPTLADAAKPNNVKPVQPKPA	
SEQ1	(95)	KSLTTKVHIVVPQINYNHRYTTHLEFEKA IPTLADAAKPNNVKPVQPKPA	
		201	250
ADA89581	(201)	QPKTPTEQTKPVQPKVEKVKPTVTTT SKVEDNHSTKV VSTD TTKDQ----	
SEQ1	(145)	QPKTPTEQTKPVQPKVEKVKPTVTTT SKVEDNHSTKV VSTD TTKDQTKTQ	
		251	300
ADA89581	(247)	-----	
SEQ1	(195)	TAHTVKTAQTAQEONKVQTPVKDVATAKSESNNQAVSDNKSQQTNKVTKH	
		301	316
ADA89581	(247)	-----	
SEQ1	(245)	NETPKQASKAKELPKT	

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SEQUENCE ALIGNMENT 2

SEQ1	(1)	1	50
AAU75475	(1)	MGTQVSQATSQPINFQVQKDGSSSEKSHMDDYMQHPGKVIKQNNKYFQTV	

		51	100
SEQ1	(51)	LNNASFWKEYKFYNANNQELATTVVNDNKKADTRTINVAVEPGYKSLTTK	
AAU75475	(1)	-----	
		101	150
SEQ1	(101)	VHIVVPQINYNHRYTTHLEFEKAIPTLADAAKPNNVKPVQPKPAQPKTPT	
AAU75475	(1)	-----	
		151	200
SEQ1	(151)	EQTKPVQPKVEKVKPTVTTTSKVEDNHSTKVVSTD TTK <u>DQTKTQTAHTVK</u>	
AAU75475	(1)	----- TTK <u>DQTKTQTAHTVK</u>	
		201	250
SEQ1	(201)	<u>TAQTAQEONKVQTPVKDVATAKSESNNQAVSDNKSQQTNKVTKHNETPKQ</u>	
AAU75475	(13)	<u>TAQTAQEONKVQTPVKDVATAKSESNNQAVSDNKSQQTNKVTKHNETPKQ</u>	
		251	294
SEQ1	(251)	<u>ASKAKELPKT</u> -----	
AAU75475	(63)	<u>ASKAKELPKT</u> GLTSVDNFISTVAFATLALLGSLSLLLFKRKESK	

SEQUENCE ALIGNMENT 3

		1	50
ADA89548	(1)	MTKHYLNSKYQSEQRSSAMKKITMG TASII LGSLVYIGADSQQVNAATEA	
SEQ1	(1)	-----	
		51	100
ADA89548	(51)	TNATNNQSTQV SQATSQPINFQVQKDG SSEKSHMDDYMQHPGKVIKQNNK	
SEQ1	(1)	-----MG TQV SQATSQPINFQVQKDG SSEKSHMDDYMQHPGKVIKQNNK	
		101	150
ADA89548	(101)	YYFQTVLNNASFWKEYKFYNANNQELATTVVNDNKKADTRTINVAVEPGY	
SEQ1	(45)	YYFQTVLNNASFWKEYKFYNANNQELATTVVNDNKKADTRTINVAVEPGY	
		151	200
ADA89548	(151)	KSLTTKVHIVVPQINYNHRYTTHLEFEKAIPTLADAAKPNNVKPVQPKPA	
SEQ1	(95)	KSLTTKVHIVVPQINYNHRYTTHLEFEKAIPTLADAAKPNNVKPVQPKPA	
		201	250
ADA89548	(201)	QPKTPTEQTKPVQPKVEKVKPTVTTT SKVEDNHSTKV VSTD TTKDQTKTQ	
SEQ1	(145)	QPKTPTEQTKPVQPKVEKVKPTVTTT SKVEDNHSTKV VSTD TTKDQTKTQ	
		251	300
ADA89548	(251)	TAHTVKTAQTAQE QNKVQTPVKDVATAKSESNNQAVSDNKSQQTNKVTKH	
SEQ1	(195)	TAHTVKTAQTAQE QNKVQTPVKDVATAKSESNNQAVSDNKSQQTNKVTKH	
		301	350
ADA89548	(301)	NETPKQASKAKELPKTGLTSVDNFISTVAFATLALLGSLSLLLFKRKESK	
SEQ1	(245)	NETPKQASKAKELPKT-----	